



LAFAYETTE FIRE DEPARTMENT PLAN REVIEW and INSPECTION PROCESS

Permit Application submitted per
City of Lafayette Engineering and
Lafayette Fire Department



Note: Plans must be accepted/approved prior to scheduling first inspection.

- 1 Kitchen hood duct leak test (light test)
- 2 Kitchen hood duct wrap first layer inspection
- 3 Kitchen hood duct wrap second layer inspection
**(May be conducted in conjunction with the above ceiling inspection)*

Duct inspections must be completed prior to scheduling an above ceiling inspection

Pre-Drywall Inspection

Above Ceiling Inspection

Systems Final Acceptance Test (if applicable)

Building Final Inspection completed by all relevant departments

*Certificate of Occupancy issued

- Sprinkler Acceptance Test
- Fire Alarm Acceptance Test
- Kitchen Hood & Fire Suppression Acceptance Test

*All permits and Certificates of Occupancy are issued through City of Lafayette Engineer's Office.

Prior to scheduling a Building Final Inspection, all applicable System Acceptance Tests must be completed and have passed inspection. Deviations from this procedure must be pre-approved by the Fire Prevention Office.

Sprinkler System acceptance test include:

- Hydrostatic test
 - 2-hour / 200 psi test
- System Operational Tests
 - Fire Alarm tie-in
 - Water flow detecting devices
 - Dry pipe valve (if applicable)
 - Pre-Action test (if applicable)
 - Main Drain valve
 - Control valves
 - Pressure Reducing valves (if applicable)
 - Back Flow Prevention assemblies

Fire Alarm acceptance test include:

- Functional Test of all signaling devices
 - Visual alarm devices that are in view of each other are synchronized per NFPA 72
- Functional Test of all initiating devices
 - Smoke test of duct detectors
 - Smoke test of smoke detectors
 - Sprinkler system tie-in
 - Alternative Suppression system tie-in
 - Manual pull functionality
- Fire Alarm Control Panel and/or Remote Annunciator receives the correct information when device has been activated. (i.e. device location, device type and alarm type)
- Alarm System Supervision (Primary & Secondary lines)

Kitchen hood acceptance tests include:

- Hood air balance – (performed by an independent contractor)
- Capture & Containment (Smoke) Test
- Suppression system acceptance test
 - Fire alarm tie-in
 - Detection trip test
 - “Puff test”
 - Gas valve/electric shut down
 - Make-up air/exhaust interlock
 - Manual pull functionality